

18:1-06:0 NBD PA

1-oleoyl-2-{6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl}-sn-glycero-3-phosphate (ammonium salt)

810175P-10mg

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Molecular Weight	729.798
Chemical Formula	C ₃₃ H ₅₆ N ₅ O ₁₁ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5361PIA025
Avanti Lot Number	810175P-10MG-A-025

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Mass Spectroscopy	[M-NH ₄] ⁺ = 711.80 ± 1 amu	[M-NH ₄] ⁺ = 711.4 amu
Excitation/Emission by UV/VIS	λ _{Ex max} = ~464nm λ _{Em max} = ~531nm	λ _{Ex max} = 467nm λ _{Em max} = 535nm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
NBD Concentration	Run and report	29.4 mg/mL

Approved By:



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